



Module Specification

Environmental Impact

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Part 1: Information

Module title: Environmental Impact

Module code: UZVYB5-30-1

Level: Level 4

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Social Sciences

Partner institutions: None

Field: Health, Community and Policy Studies

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: You will be introduced to concepts relating to the natural world and the dynamic processes of the hydrosphere, atmosphere, lithosphere and biosphere. The module considers how these processes influence key biological and ecological systems as well as human life and health. The impact of human activity

upon the earth's systems is also an important feature of the module and students will consider this in the context of sustainability of resources and climate change.

Outline syllabus: Subjects studied in the module include:

Physical laws and phenomena such as gravity and light

Rock formation

Properties of soil

The water cycle

Nutrient cycles (carbon, nitrogen and phosphorous)

The atmosphere, weather, and the ozone hole

Climate change

Sustainability

Globalisation

Students are also introduced to the use of environmental statistics in this module.

Part 3: Teaching and learning methods

Teaching and learning methods: See assessment strategy

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Identify environmental stressors created by an industrial facility, and assess their impact on the local environment and on the health of local communities.

MO2 Explain how human activity impacts upon the biological and ecological systems of the natural world.

MO3 Examine the anthropogenic causes of climate change, and how climate change might impact on human health.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 210 hours

Face-to-face learning = 90 hours

Total = 300

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

Part 4: Assessment

Assessment strategy: The Assessment Strategy has been designed to support and enhance the development of both subject-based and generic key skills, whilst ensuring that the Learning Outcomes are achieved. This module contains an assessment which relies upon a field visit. If this cannot take place other arrangements will be made.

Assessment task A – Interview

The interview will be based on student's experience in relation to facilities which have environmental responsibilities. You will take part in an organised visit to a large scale local facility (such as a quarry or water treatment plant) at which you will observe processes and obtain information. Following this you will take part in an individual interview in which you are expected to relate your findings to the facility's impact on the environment and the health impact on nearby communities. The visit will take place as a group, engendering a group ethos, and meets the aspiration to expose students to the industrial world. The assignment also meets several

professional requirements designated by the CIEH.

Assessment task B – Essay

The assessment task will require you to complete an essay on 'climate change', discovering anthropogenic causes, analysing health impacts, and proposing mitigations. This allows completion of learning outcomes 2 and 3. This is a conventional assignment and will develop academic investigative, reading and writing skills.

Students are able to discuss formative work and obtain feedback in an assignment tutorial within the module.

The use of an interview will ensure that opportunities for plagiarism are minimised, and Turnitin software will be used to detect the extent of duplicated material in the essay.

Assessment tasks:

Presentation (First Sit)

Description: Interview (20 minutes)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1

Written Assignment (First Sit)

Description: Essay (2000 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3

Presentation (Resit)

Description: Interview (20 minutes)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1

Written Assignment (Resit)

Description: Essay (2000 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Environmental Health Practitioner {Apprenticeship-UCW} [UCW] BSc (Hons) 2023-

24